



COUNTY BOROUGH OF BURY.

REPORT

ON THE

Medical Inspection of School Children,

For the Year ended December 31st, 1927.

G. GRANVILLE BUCKLEY, M.D., D.P.H.,

SCHOOL MEDICAL OFFICER, MEDICAL OFFICER OF HEALTH,

AND

CHIEF TUBERCULOSIS OFFICER.

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PUBLIC HEALTH DEPARTMENT,

CLOUGH STREET, BURY.

February 23rd, 1928.

To the Chairman and Members of the Education Committee,
County Borough of Bury.

Ladies and Gentlemen,

I beg to submit for your consideration my Annual Report on the Medical Inspection of School Children during the year ended December 31st, 1927.

No important changes have taken place during the year in the Local Authority's scheme for Medical Inspection.

It was confidently expected that the School Clinics would have been removed during the year to the Tuberculosis Dispensary (which was closed as a residential institution on March 31st). Owing to unforeseen delays, however, the scheme has not yet materialised, and we are still without a Dental Clinic.

I take this opportunity of expressing my thanks to Dr. Bebbington, Dr. Ratcliffe, the Director of Education and his staff, the Head Teachers of the various schools, the Clerical Staff of the Health Department, and to the School Nurses for the assistance they have given to me, and to you, ladies and gentlemen, for your courtesy and consideration.

I am, Ladies and Gentlemen,

Your obedient Servant,

G. GRANVILLE BUCKLEY.

County Borough of Bury.

MEDICAL INSPECTION OF SCHOOL CHILDREN.

STAFF.

The School Medical Inspection Staff consists of :—

The School Medical Officer, who also acts as Medical Officer of Health and Chief Tuberculosis Officer.

One Assistant School Medical Officer, who also acts as Assistant Medical Officer of Health and Assistant Tuberculosis Officer.

Two School Nurses.

The clerical work is performed by the clerical staff of the Health Department.

Co-ordination of the work of the School Medical Service with that of the other Health Services is assured owing to the fact that the School Medical Staff is also responsible for the control of the various activities of the Health Department.

ELEMENTARY SCHOOLS.

MEDICAL INSPECTION.

Four groups of children are inspected annually, viz. :—

1. " Entrants."
2. " Intermediates " (aged 8 years).
3. " Leavers " (aged 12-14 years).
4. " Specials " (children brought to the notice of the School Medical Officer by the Teachers or Nurses as suffering from some palpable disease or defect).

All children in the above groups who have been referred either for treatment or observation are re-examined after a suitable interval has elapsed. Cases requiring special supervision are seen at the same time to time with a view to ascertaining whether the required medical attention is being received.

The system of Medical Inspection issued by the Board of Education has been followed throughout.

The Teachers and School Nurses have been instructed to bring to the notice of the School Medical Officer any children who, in their opinion, are abnormal in any way. Periodically lists of children requiring attention are obtained from Head Teachers. Such children are examined and early information as to crippling and other defects is obtained. These children are examined not only on the regular visits to schools, but may be sent to the clinic on special occasions. Valuable information is also received from the School Attendance Officers.

In the Medical Inspection, every effort is made to adapt the school arrangements. In a few schools there are one or two rooms which are not used as classrooms, and these are also used for inspection. In the majority of the schools, however, it is necessary to make use of a classroom for the purpose.

REVIEW OF THE FACTS DISCLOSED BY MEDICAL INSPECTION.

Uncleanliness.—During the year under review 34 children were found to be in such an unclean condition that it was considered necessary to exclude them from school. There were in addition 518 children who were found to have a few nits only. Notices were sent to the parents calling their attention to the condition.

Three children were found to have verminous or offensively dirty bodies.

In addition to the Routine Medical Inspections, special examinations for cleanliness were made by the School Nurses. They again devoted four weeks to a thorough inspection of all the schools immediately after the long vacation, when the children return often in a very neglected condition.

In cases where uncleanness exists a circular is sent to the parent calling his attention to the fact and giving instructions for cleansing and other advice. If, on subsequent examination, the condition is found to persist a card more strongly worded is sent. If on a third examination the condition still persists the child is excluded. In bad cases the child is excluded at once. All excluded children are inspected at the clinic as to their fitness for return to school, and in every case a sufficient improvement has been effected without resort to prosecution, though the assistance of the attendance officers and of the Inspector for the Prevention of Cruelty to Children has frequently to be invoked. Unfortunately many children quickly relapse.

The loaning of Sacker Combs to parents is proving very successful, combs having been lent on 80 occasions during the year, and mothers now frequently borrow them from the clinic of their own accord. Many mothers have now bought their own combs.

Minor Ailments.—The cases of Minor Ailments met with are included under their respective headings, viz.:—Skin Diseases, External Eye Diseases, &c.

Tonsils and Adenoids.—During the year 69 children were found to be suffering from enlarged tonsils requiring treatment, while 286 were suffering from enlargement without evidence of ill-effect, and were referred for observation. Thirteen children were referred for treatment for adenoids, and 83 for observation, while the corresponding figures for children suffering from both conditions together were 13 and 18 respectively.

Tuberculosis.—Three cases of definite Pulmonary Tuberculosis were discovered. Six suspicious cases were referred for treatment and 22 for observation. Other forms of Tuberculosis found were:—

Glands: Two referred for treatment and 24 for observation.

Hip: Three referred for observation.

Other bones and joints: Nine referred for observation.

Skin: One referred for treatment and one for observation.

Other forms: Nine referred for observation.

Skin.—A number of cases of Skin Disease were discovered during the Routine Inspections, and many more were sent as "specials" to the clinic for treatment. Among the cases of Skin Disease found were:—

	Referred for Treatment.	Referred for Observation only.
Ringworm, Head	15	1
Ringworm, Body	21	3
Scabies... ..	19	2
Impetigo... ..	184	10
Other Skin Diseases (Non-Tubercular)... ..	116	17

The number of cases of Ringworm is less than half the number found in 1926. The figures relating to Scabies and Impetigo, however, show a marked increase on those of the previous year.

External Eye Disease.—Seventy-seven cases of external eye disease requiring treatment were found during the year, whilst seventeen further cases were referred for observation only. The following table shows the nature of these cases:—

	Referred for Treatment.	Referred for Observation only.
Blepharitis... ..	48	11
Conjunctivitis... ..	18	1
Keratitis	3	0
Corneal Opacities	7	3
Other conditions	1	2

Defective Vision and Squint.—334 cases of defective vision (of less acuity than $\frac{6}{2}$ in either eye) and squint were found. Of these 277 were cases of defective vision and 57 cases of squint. 325 were referred for treatment and 9 for observation only.

Ear Diseases and Hearing.—Fifty-one children were found to be suffering from defective hearing, 91 from Otitis Media, and 8 from other ear diseases. The Head Teachers have been provided with the names of children in their schools who have, in the past, suffered from discharging ears, so that these cases may be kept under better supervision. Children who have been treated at the clinic are called up subsequently, from time to time, in order that any recurrence may be detected.

Dental Defect.—As usual a very large number of children were found to be suffering from defective teeth. The seriousness of this condition is not realised by parents, and it is extremely difficult to persuade them to obtain the necessary treatment for their children. No great improvement in this respect can be expected until a dental clinic is established, an event which, there is every reason to hope, will happen during the year.

Crippling Defects.—Reference to Table III. at the end of the report will show the number of children who were found to be suffering from crippling defects.

INFECTIOUS DISEASE.

Two school departments were closed during the year on account of the prevalence of infectious disease amongst the children, viz. :—

Guardian Angels', Infants' Department. Measles.

January 31st to February 18th.

St. Paul's (Bell), Infants' Department. Measles.

February 7th to February 18th.

The School Medical Officer receives, as Medical Officer of Health, notification of all cases of notifiable Infectious Disease occurring in the Borough, and is thus enabled to take prompt action when necessary.

" FOLLOWING UP."

Medical Inspection is obviously of very little use unless those children who are found to be suffering from some disease or defect are " followed up " in order to ensure that the necessary treatment is obtained. The procedure adopted in this Borough is as follows :

A note is at once sent to the parent informing him of any abnormal condition discovered, and urging him to obtain appropriate treatment. After an interval the house is visited by the nurse and enquiries made as to whether treatment has been obtained. If not, a further note is sent, and after another interval the house is again visited. These visits are repeated as often as necessary, but owing to the unsatisfactory replies often given by parents and the difficulty experienced by the Nurses, with the limited time at their disposal, in getting into touch with the latter (many of them being out at work at the time of the visit), they

are, as far as possible, induced to attend the clinic. In this way many more parents are prevailed upon to obtain medical treatment for their children, and by calling up the latter from time to time the receipt of such treatment can be verified.

In certain special cases (defective vision, tonsils and adenoids, &c.) arrangements are made, where necessary, for the child to receive treatment under the scheme of the Local Authority. Such schemes at present in operation are detailed in a succeeding paragraph.

All children found to be defective on inspection are re-examined by the Medical Officer on his next visit to the school in order to ascertain whether treatment has been obtained, and, if so, the result of same.

The institution of the School Clinic has greatly facilitated the work of "following up." Frequently, parents who have received notice of defect or disease in their children, and who have not been present at the inspection, have attended at the Clinic to obtain further particulars as to what treatment is required. It is thus possible to explain the condition much more fully than can be done by letter, with the result that treatment is often obtained in cases which would otherwise remain untreated.

During the year the School Nurses have carried out the following visits, &c.:—

Number of visits to school departments in connection with medical inspection	251
Number of visits to schools to examine children for cleanliness	315
Number of visits and re-visits to homes	515
„ examinations for cleanliness	16,652
„ visits with children to Ophthalmic Surgeon's rooms	52

MEDICAL TREATMENT.

Minor Ailments.—Some years ago, a Clinic for the treatment of Minor Ailments was opened at the Public Health Office. The accommodation consists of a waiting and treatment room. The necessary sterilising and minor surgery appliances and a weighing machine were provided.

The Clinic is open six days a week during school terms. Children attend from 9 to 10 a.m., when they are seen by the Medical Officer. They are either treated or referred to their own doctor in the case of children having a regular medical attendant.

The School Nurse on duty deals with cases requiring special treatment and excluded children after 10 a.m., and is frequently so engaged until after 11 a.m. Specials and children requiring more than one daily treatment are seen by appointment later in the day.

An arrangement has been made by which children are provided with a small attendance card which they bring to and from school. On this card, which is available for a month, is noted the date of each attendance and the time of arrival and departure, and when the child is to re-attend.

The records of the Clinic are kept on a Card Index system. On each card are the particulars of the child, its defect, and whether attending as result of school inspection or sent by teacher, doctor, or parent. On the card are also recorded the treatment and condition on discharge, with the date of each attendance, the time of arrival and departure, and the period of any exclusion.

To reduce to a minimum the period of absence from school every school exclusion is recorded on a chart, so that it is under constant observation till the child is fit to return.

One of the nurses on duty is in charge of the booking while the Clinic is open, and a monthly summary is made of all attendances in accordance with the above particulars.

The number of children attending the Minor Ailments Clinic during the year 1927 is shown in the following table. Fortunately, new premises will probably be available for this work in the near future. The present accommodation is quite inadequate:

Number of children attending from 1926	682
„ „ discharged during 1927	1,445
„ „ still attending at end of 1927	42
„ fresh children who attended during 1927	805
„ attendances	5,157
Clinic open	264 days
Average attendance per child	3.41
Average daily attendance	19.8

In addition to the above, 325 children attended on two successive days for mydriatic application before seeing the School Oculist for purpose of refraction.

Altogether 553 parents were seen at the Clinic during the course of the year. This was largely in connection with defects found in the course of Medical Inspection.

Much prolonged treatment is caused by children ceasing to attend the Clinic before being cured, and then relapsing and coming back in as bad a state as they were at the commencement of their treatment.

Tonsils and Adenoids.—Many of the cases requiring operative interference are treated by general practitioners. Arrangements are in force with the Board of the Bury Infirmary under which certain cases are treated at that Institution and the fees paid by the Education Committee. When the Education Committee considers that the parents are able to pay the whole or part of the cost, efforts are made to recover the amount.

During the year 238 cases of Adenoids or Enlarged Tonsils received some form of treatment. Of these, 72 received operative treatment—53 under the Local Authority's scheme and 19 by private practitioner or otherwise.

The number of cases of Enlarged Tonsils and Adenoids receiving treatment at the Bury Infirmary again shows a considerable increase over the corresponding number for 1926.

Tuberculosis.—Cases of Pulmonary Tuberculosis occurring in the Borough are sent for treatment to the Institutions of the Bury and District Joint Hospital Board, but the Board does not admit children under 14. The majority of such cases are treated at the Bury Tuberculosis Dispensary, and a few find their way to outside institutions.

An agreement is in force between the Bury Corporation and the Bury Infirmary, under which cases of Non-Pulmonary Tuberculosis occurring in the Borough are treated at that Institution. Such treatment is available for school children. Cases are also occasionally sent for treatment to the Shropshire Orthopaedic Hospital at Oswestry and to the Manchester Royal Infirmary.

Arrangements have been made with the Manchester and Salford Hospital for Skin Diseases, whereby patients from the Borough suffering from Tuberculosis of the Skin could attend and receive appropriate treatment. These arrangements extend also to children of school age.

The following table shows the number of cases of definite or suspected Tuberculosis which have received Institutional treatment during the year:—

At the Bury Dispensary:	No.	Total No. of Days.
Boys	6	275
Girls	6	184

(The treatment of In-patients at the Tuberculosis Dispensary was discontinued on March 31st, 1927.)

At the Bury Infirmary:	No.	Total No. of Days.
Boys	2	25
Girls	2	101

At the Shropshire Orthopædic Hospital:

	No.	Total No. of Days.
Boys	1	365
Girls	1	131

At the Manchester Royal Infirmary:

	No.	Total No. of Days.
Boys	0	0
Girls	1	16

At the Manchester and Salford Hospital for Diseases of the Skin:

Boys	1 (Out-patient)	0
Girls	1 (Out-patient)	0

Skin Disease.—The majority of the cases of Skin Disease occurring among school children were treated at the Minor Ailments Clinic. Further particulars will be found in Table IV., Group I., at the end of this Report.

External Eye Disease.—The same remarks apply to cases of External Eye Disease. Particulars of cases treated will be found in Table IV., Group II.

Vision.—The majority of children suffering from defective vision are now examined by the Ophthalmic Surgeon to the Local Authority.

On the day preceding the examination and, also, on the day of the examination the Nurse introduces atropine into the eyes of the children, and is present at the clinic.

The number of cases submitted to refraction during the year under review is much larger than that referring to the previous year.

The following table gives the figures for 1926 and 1927:—

	1926.	1927.
Number of children submitted to refraction ...	312	325
„ „ already provided with suitable spectacles... ..	48	45
„ „ not requiring spectacles... ..	9	34
„ „ for whom spectacles were prescribed	255	246
„ „ who had obtained the necessary spectacles by the end of the year ...	266	225

In cases where the parent cannot afford to pay for glasses the Education Committee pay the cost wholly or in part. The number of cases in which such assistance was rendered was 12. In each case spectacles were provided free.

Cases are continually arising where the parent refuses or neglects to provide the necessary spectacles for his child. These parents are interviewed by the Care of Children Section of the Education Committee and warned that, unless spectacles are obtained within a reasonable time, further action will be taken. In every case, so far, this has had the desired effect.

Further particulars as to treatment of Defects of Vision will be found in Table IV., Group II.

Ear Disease and Hearing.—No special treatment is provided apart from that which may be obtained at the School Clinic. As will be seen from Table IV., Group I., 68 cases of Minor Ear Defect have been treated at the Clinic and 11 have been treated elsewhere during the year.

Dental Defects.—There has been no improvement in the number of children obtaining treatment for Dental Defects, nor is any to be expected until a Dental Clinic is provided.

Crippling Defects and Orthopædics.—No special provision has hitherto been made for dealing with these defects, but the matter is now receiving the consideration of the Local Authority. Many of the sufferers attend the local Infirmary or the Manchester Children's Hospital.

Co-operation of Parents.—Notice is sent to the parent of every child of the date and time of inspection, and the parent is invited to attend. The percentage of parents attending was:—

" Entrants "	63.7%
" Intermediates "	22.2%
" Leavers "	8.5%

Particulars of the methods used to ensure the further co-operation of parents in securing treatment for their children are given in another portion of the report.

Co-operation of Teachers.—Many of the teachers render invaluable assistance in connection with the medical inspection and treatment of the children. In many cases the teacher is present at the inspections, and any defects found are pointed out. The teacher is thus enabled to explain to the parent in a subsequent interview the importance of obtaining treatment, and so to assist the Medical Officer very substantially.

Co-operation of School Attendance Officers.—The School Attendance Officers assist the School Medical Officer in many ways, and interviews are constantly taking place between them and the School Medical Staff. Their services are specially valuable in connection with the Minor Ailments Clinic, as they are able to secure the attendance of the children in a way that would be otherwise impossible.

Mention should here be made of the co-operation of the Inspector for the National Society for the Prevention of Cruelty to Children. The Inspector pays regular visits to the School Medical Department and discusses with the staff cases which it is thought advisable to keep under observation. His work is most valuable and helpful.

OPEN-AIR EDUCATION.

There are no open-air day or residential schools in the Borough. In summer many of the classes are held in the play-grounds, and visits are made to the various recreation grounds.

PHYSICAL TRAINING.

The Organiser of Physical Training reports as follows:—

During the year ended 31st December, 1927, the arrangements for the organisation of Physical Training and the duties of the Organiser have been the same as for the previous year.

The maintenance of regular effective and systematic training has been emphasised. During the period the physical training of approximately 6,000 children, undertaken by 171 teachers, has been inspected by the organiser, and in the great majority of the classes the work was found to be good.

In addition to making grants towards school playing fields, the Education Committee have arranged to rent a ground at Parsons Lane providing a playing space 133yds. by 82yds., for the use of four neighbouring schools.

The provision, by the Education Committee, of games materials—footballs, rubber balls, rounder balls, skipping and jumping ropes, bean bags, &c.,—has been continued.

During the year, a voluntary body of teachers established a Schools' Holiday Camp on a healthy site some eight miles from the town, and during the summer holidays about 300 children spent a part of their holidays there.

PROVISION OF MEALS.

During the year it was found necessary to provide 6,443 meals to school children—2,803 less than the number provided in the previous year. All were dinners and were provided by and served at four restaurants in various parts of the town. The average total cost per meal was 6.68. The cases were selected by the application of a scale, approved by the Board of Education, taking into consideration income and number in family.

Children who are in receipt of free meals are regularly examined and a note made of their weight, height, and general condition. During the year 59 such children have made 175 attendances at the School Clinic.

SCHOOL BATHS.

No baths are provided at any of the schools.

Classes of children attended the Corporation Baths, during school hours, for instruction in Swimming during the period from 11th May to 23rd September, 1927. The total attendances made were 11,703.

BLIND, DEAF, DEFECTIVE, AND EPILEPTIC CHILDREN.

No schools for the treatment of these children have so far been provided by the Local Education Authority, but Blind and Deaf children are sent to outside institutions. There is no provision for Mentally Defective or Epileptic children.

During the year three children were maintained at an institution for the Blind.

Six children were inmates of institutions for the Deaf, and one was a day pupil.

NURSERY SCHOOLS.

No nursery schools have been provided in the area.

EMPLOYMENT OF SCHOOL CHILDREN.

During the year 67 children have been examined as to their fitness to undertake employment (usually the delivery of newspapers) out of school hours.

SECONDARY SCHOOLS.

The children attending the Secondary Schools (the Municipal Secondary School and the Junior Technical School) were inspected for the first time in 1920. During the year under review every child in each school has been medically inspected.

The total number inspected was 453 (a decrease of 35 on the previous year). All the children in these schools are inspected annually. Particulars as to age and sex of the children inspected will be found in the following table :—

Age	10	11	12	13	14	15	16	17	18	19	Total
Boys ...	3	36	56	76	71	45	11	4	—	—	302
Girls ...	3	80	47	39	31	24	14	4	2	1	195
Totals..	6	66	103	115	102	69	25	8	2	1	497

As in the case of Elementary School children, the schedule of the Board of Education has been followed in its entirety.

Interference with the school routine was, as far as possible, avoided. The Head Masters of the two schools very kindly placed their rooms at my disposal, and I desire to express my thanks to them and to the other members of the staff for their interest in the work of Medical Inspection and for their valuable assistance.

FINDINGS OF MEDICAL INSPECTION.

Uncleanliness.—The standard of cleanliness in the Secondary School still continues to be high, only 12 children out of the 497 inspected being found to require attention in this respect. Nine of these were cases of neglected heads and three of uncleanliness of body.

Minor Ailments are referred to under their respective headings.

Tonsils and Adenoids.—Twenty-four children were found to have enlarged tonsils. Two of these were considered to require operative treatment, and the rest were referred for observation.

Two children were referred for observation for adenoids only.

Enlarged Glands.—Twenty-five cases of Enlarged Cervical Glands came under notice, two of which were referred for treatment and the remainder for observation.

Tuberculosis.—One case of Tuberculosis of the hip was referred for observation.

Skin Diseases.—One case of ringworm was found during the year.

External Eye Diseases.—One case of Blepharitis was found and was referred for treatment.

Defective Vision.—Forty-one cases of seriously defective vision were found, and all were referred for treatment. These were chiefly among the children who were admitted to the schools during the year under review, but a few were children who had been referred for treatment on a previous occasion. In these cases a strongly worded notice was sent to the parent.

Two cases of Strabismus were referred for treatment.

Ear Disease and Defective Hearing.—Three cases of Defective Hearing were discovered.

Dental Defect.—Thirty-six children were found to have four or more carious teeth, and were referred for treatment. Many other children had already received conservative treatment from a dentist before presenting themselves for inspection.

Crippling Defects.—Several cases of Flat Foot and Spinal Curvature have come under notice, most of which were referred for Remedial Exercises.

Heart and Circulation.—Three cases of Organic Heart Disease were referred for treatment and four were referred for observation. Several of these had already been under the care of medical practitioners.

Two cases of Functional Heart Disease and three cases of Anæmia were referred for observation, whilst two further cases of the latter disease were referred for treatment.

Infectious Disease.—No action in respect of Infectious Disease was necessary during the year.

MEDICAL TREATMENT.

Uncleanliness.—Of the nine cases of uncleanliness of head referred for treatment, all were thoroughly cleansed at the date of re-inspection. The three children referred for treatment for dirty bodies were also in a satisfactory condition when re-examined.

Minor Ailments.—Four children from the Secondary School attended the Minor Ailments Clinic during the year. One was suffering from Impetigo, one from Ringworm of Body, and the remaining two had been referred for treatment for uncleanness.

External Eye Disease and Defective Vision.—Forty-one new cases of defective vision were referred for treatment. All of these underwent ophthalmoscopic examination. Spectacles were prescribed in 38 cases, and in each instance they had been obtained at the time of re-inspection.

In addition to the above, twenty-three children who were wearing spectacles which were considered unsatisfactory underwent refraction, and the necessary action was taken.

One case of Blepharitis was referred for treatment, but no information was obtainable as to the result of treatment.

Two cases of Strabismus which were referred for treatment were found to be unchanged when re-examined.

Ear Disease and Hearing.—Three cases of deafness were referred for treatment. On re-examination, one was found to be cured and the other two improved.

Dental Defect.—Thirty-six of the worst cases of Dental Defect were referred for treatment. Of these only 6 consulted a dentist, whilst 22 received no treatment. In the remaining cases no information was available.

Nose and Throat.—Of the two cases of enlarged tonsils referred for treatment, both had received operative treatment at the time of re-inspection. In the two cases of Adenoids there was found to be no improvement.

Heart and Circulation.—Three cases of organic Heart Disease were referred for treatment, and showed some improvement on re-examination.

Co-operation of Parents.—Very few parents now attend the inspections except in the case of entrants.

REMEDIAL EXERCISES.

During the year 48 cases (30 at the Municipal Secondary School and 18 at the Junior Technical School) of Flat Feet have been treated. These cases were arranged in small classes and given simple exercises twice a week, by the Organiser of Physical Training.

The only available accommodation for taking the exercises has been the ordinary form room, and the need for a gymnasium has been keenly felt.

From impressions of the feet taken at the beginning and again at the end of the term, it was shown that decided improvement had taken place in the majority of cases.

CONTINUATION SCHOOLS.

There are at present no Continuation Schools in the Borough.

ELEMENTARY SCHOOLS.

TABLE I.

Return of Medical Inspections.

A.—ROUTINE MEDICAL INSPECTIONS.

Number of Code Group Inspections :—

Entrants.....	860
Intermediates	585
Leavers	757
Total.....	2202

Number of other Routine Inspections —

B.—OTHER INSPECTIONS.

Number of Special Inspections	1097
Number of Re-inspections.....	3108
Total.....	4205

TABLE II.

**A. Return of Defects found by Medical Inspection in the
Year ended 31st December, 1927.**

DEFECT OR DISEASE.	ROUTINE INSPECTIONS.		SPECIAL INSPECTIONS	
	Number of Defects.		Number of Defects.	
	Requiring treatment.	Requiring to be kept under observation but not requiring treatment.	Requiring treatment.	Requiring to be kept under observation but not requiring treatment.
(1)	(2)	(3)	(4)	(5)
MALNUTRITION.....	..	48	..	8
UNCLEANLINESS:	(See Table IV.,		Group V.)	
SKIN: Ringworm: Scalp	1	1	14	..
Ringworm: Body	2	3	19	..
Scabies	1	2	18	..
Impetigo	4	10	180	..
Other Diseases (Non-Tubercular)	3	15	113	2
EYE: Blepharitis	2	11	46	..
Conjunctivitis	1	1	17	..
Keratitis	1	..	2	..
Corneal Opacities	..	3	7	..
Defective Vision (excluding Squint)	246	..	31	..
Squint	45	9	3	..
Other Conditions	1	2	..	..
EAR: Defective Hearing.....	3	23	20	5
Otitis Media	8	41	37	5
Other Ear Diseases	..	8	..	..
NOSE & THROAT:				
Enlarged Tonsils only.....	41	270	28	16
Adenoids only	6	75	7	8
Enlarged Tonsils and Adenoids	2	16	11	2
Other Conditions	..	4	3	..
ENLARGED CERVICAL GLANDS (Non-Tubercular)	4	131	9	4
DEFECTIVE SPEECH	..	10	..	3
TEETH: Dental Diseases.....	33	208	14	5
HEART AND CIRCULATION:				
Heart Disease: Organic	2	31	1	1
" " Functional....	4	191	2	15
Anæmia	..	43	..	22
LUNGS:				
Bronchitis	19	119	5	33
Other Non-Tubercular Diseases	..	30	8	13
TUBERCULOSIS:				
Pulmonary:				
Definite	..	..	3	..
Suspected	2	9	4	13
Non-Pulmonary:				
Glands.....	..	22	2	2
Spine	..	..	..	..
Hip	..	2	..	1
Other Bones and Joints	..	5	..	4
Skin.....	1	1	..	..
Other Forms	..	7	..	2
NERVOUS SYSTEM:				
Epilepsy.....	..	3	..	..
Chorea	..	15	1	11
Other Conditions ..	..	19	1	2
DEFORMITIES:				
Rickets	..	26	..	6
Spinal Curvature	..	20	..	..
Other Forms	..	22	4	..
OTHER DEFECTS & DISEASES	3	92	37	17

TABLE II.—Continued.

B.—Number of Individual Children Found at Routine Medical Inspection to require Treatment (excluding Uncleanliness and Dental Diseases).

Group.	Number of Children		Percentage of Children found to require treatment.
	Inspected.	Found to require treatment.	
(1)	(2)	(3)	(4)
Code Groups :—			
Entrants	860	90	10·4
Intermediates	585	142	24·2
Leavers	757	156	20·6
Total (Code Groups)	2202	388	17·6
Other Routine Inspections.....	—	—	—

TABLE III.
Return of all Exceptional Children in the Area.

			Boys	Girls	Total
Blind (including partially blind).	(i.) Suitable for training in a School or Class for the totally blind.	Attending Certified Schools or Classes for the Blind.....	1	1	2
		Attending Public Elementary Schools ..	..	..	..
		At other Institutions.....	..	..	..
		At no School or Institution	2	..	2
(ii.) Suitable for training in a School or Class for the partially blind.	(i.) Suitable for training in a School or Class for the totally deaf or deaf and dumb.	Attending Certified Schools or Classes for the Blind.....	..	1	1
		Attending Public Elementary Schools ..	2	1	3
		At other Institutions.....	..	..	..
		At no School or Institution	..	1	1
Deaf (including deaf & dumb & partially deaf)	(ii.) Suitable for training in a School or Class for the partially deaf.	Attending Certified Schools or Classes for the deaf	1	3	4
		Attending Public Elementary Schools ..	..	..	..
		At other Institutions.....	..	..	..
		At no School or Institution	..	..	..
Mentally Defective.	Feeble-minded (cases not notifiable to the Local Control Authority).	Attending Certified Schools or Classes for the deaf	2	..	2
		Attending Public Elementary Schools ..	..	..	..
		At other Institutions.....	..	..	..
		At no School or Institution.....	..	..	..
Notified to the Local Control Authority during the year.	Suffering from severe epilepsy.	Attending Certified Schools for Mentally Defective Children ..	..	..	..
		Attending Public Elementary Schools ..	12	5	17
		At other Institutions.....	1	..	1
		At no School or Institution	9	6	15
Epileptics.	Suffering from epilepsy which is not severe.	Feeble-minded	..	..	..
		Imbeciles	1	..	1
		Idiots.....	1	1	2
		At no School or Institution.....	..	..	..
Physically Defective.	Infections. Pulmonary and Glandular Tuberculosis.	Attending Certified Schools (Special) for Epileptics	..	..	..
		In Institutions other than Certified Special Schools.....	..	..	..
		Attending Public Elementary Schools ..	..	1	1
		At no School or Institution	..	1	1
Non-infectious but active Pulmonary and Glandular Tuberculosis.	Delicate children (e.g., pre or latent tuberculosis, malnutrition, debility, anemia, etc).	Attending Public Elementary Schools ..	3	3	6
		At no School or Institution	..	..	..
		At Sanatoria or Sanatorium Schools approved by the Ministry of Health or the Board	..	..	..
		At other Institutions	..	..	..
Active non-pulmonary Tuberculosis.	Crippled Children (other than those with active tuberculous disease), e.g., children suffering from paralysis, etc., and including those with severe heart disease.	At no School or Institution	2	2	4
		At Sanatoria or Sanatorium Schools approved by the Ministry of Health or the Board	..	..	..
		At Certified Residential Open-Air Schools	..	..	..
		At Certified Day Open-Air Schools..	..	..	..
Crippled Children (other than those with active tuberculous disease), e.g., children suffering from paralysis, etc., and including those with severe heart disease.	Crippled Children (other than those with active tuberculous disease), e.g., children suffering from paralysis, etc., and including those with severe heart disease.	At Public Elementary Schools.....	..	1	1
		At other Institutions	1	1	2
		At no School or Institution	3	8	11
		At Certified Residential Open-Air Schools	..	..	..
Crippled Children (other than those with active tuberculous disease), e.g., children suffering from paralysis, etc., and including those with severe heart disease.	Crippled Children (other than those with active tuberculous disease), e.g., children suffering from paralysis, etc., and including those with severe heart disease.	At Certified Day Open-Air Schools..	..	..	..
		At Public Elementary Schools.....	74	55	129
		At other Institutions	2	..	2
		At no School or Institution	1	6	7
Crippled Children (other than those with active tuberculous disease), e.g., children suffering from paralysis, etc., and including those with severe heart disease.	Crippled Children (other than those with active tuberculous disease), e.g., children suffering from paralysis, etc., and including those with severe heart disease.	At Sanatoria or Hospital Schools approved by the Ministry of Health or the Board	..	..	..
		At Public Elementary Schools.....	5	2	7
		At other Institutions	..	..	..
		At no School or Institution	5	5	10
Crippled Children (other than those with active tuberculous disease), e.g., children suffering from paralysis, etc., and including those with severe heart disease.	Crippled Children (other than those with active tuberculous disease), e.g., children suffering from paralysis, etc., and including those with severe heart disease.	At Sanatoria or Hospital Schools ..	1	..	1
		At Certified Residential Cripple Schools	..	..	..
		At Certified Day Cripple Schools.....	..	..	..
		At Public Elementary Schools.....	39	17	56
Crippled Children (other than those with active tuberculous disease), e.g., children suffering from paralysis, etc., and including those with severe heart disease.	Crippled Children (other than those with active tuberculous disease), e.g., children suffering from paralysis, etc., and including those with severe heart disease.	At other Institutions.....	..	..	..
		At no School or Institution	4	..	4
		At no School or Institution	..	..	..
		At no School or Institution	..	..	..

TABLE IV.

Return of Defects treated during the year ended 31st December.

TREATMENT TABLE.

GROUP I.—MINOR AILMENTS (excluding Uncleanliness, for which see Group V.).

Disease or Defect.	Number of Defects treated or under treatment during the year.		
	Under Local Education Authority's Scheme	Otherwise	Total.
(1)	(2)	(3)	(4)
Skin—Ringworm, Scalp	15	1	16
Ringworm, Body	21	...	21
Scabies	19	...	19
Impetigo.....	184	...	184
Other Skin Disease	116	...	116
Minor Eye Defects—External and other, but excluding cases falling in Group II.....	77	3	80
Minor Ear Defects	68	11	79
Miscellaneous—e.g. minor injuries, bruises, sores, chilblains, &c.	116	7	123
Total.....	616	22	638

GROUP II.—DEFECTIVE VISION AND SQUINT (excluding Minor Eye Defects treated as Minor Ailments—Group I.).

Defect or Disease.	Number of Defects dealt with.			
	Under the Authority's Scheme.	Submitted to Refraction by private practitioner or at Hospital apart from the Authority's Scheme.	Otherwise	Total.
(1)	(2)	(3)	(4)	(5)
Errors of Refraction—(including Squint)	317	15	8	340
Other Defect or Disease of the Eyes (excluding those recorded in Group I)	...	...	9	9
Total	317	15	17	349

TABLE IV.—Continued.

Total number of children for whom spectacles were prescribed :

(a) Under the Authority's Scheme.....	246
(b) Otherwise	15

Total number of children who obtained or received spectacles :

(a) Under the Authority's Scheme	225
(b) Otherwise	15

GROUP III.—TREATMENT OF DEFECTS OF NOSE AND THROAT.

Number of Defects.				
Received Operative Treatment.			Received other forms of Treatment.	Total Number Treated.
Under Local Education Authority's Scheme. Clinic or Hospital.	By Private Practitioner or Hospital.	Total.		
(1)	(2)	(3)	(4)	(5)
53	19	72	166	238

GROUP V.—UNCLEANLINESS AND VERMINOUS CONDITIONS.

(i.) Average number of visits per school made during the year by the School Nurses	4
(ii.) Total number of examinations of children in the Schools by School Nurses.....	16652
(iii.) Number of individual children found unclean	34
(iv.) Number of children cleansed under arrangements made by the Local Education Authority	16
(v.) Number of cases in which legal proceedings were taken :	
(a) Under the Education Act, 1921	—
(b) Under School Attendance Bye-laws	—